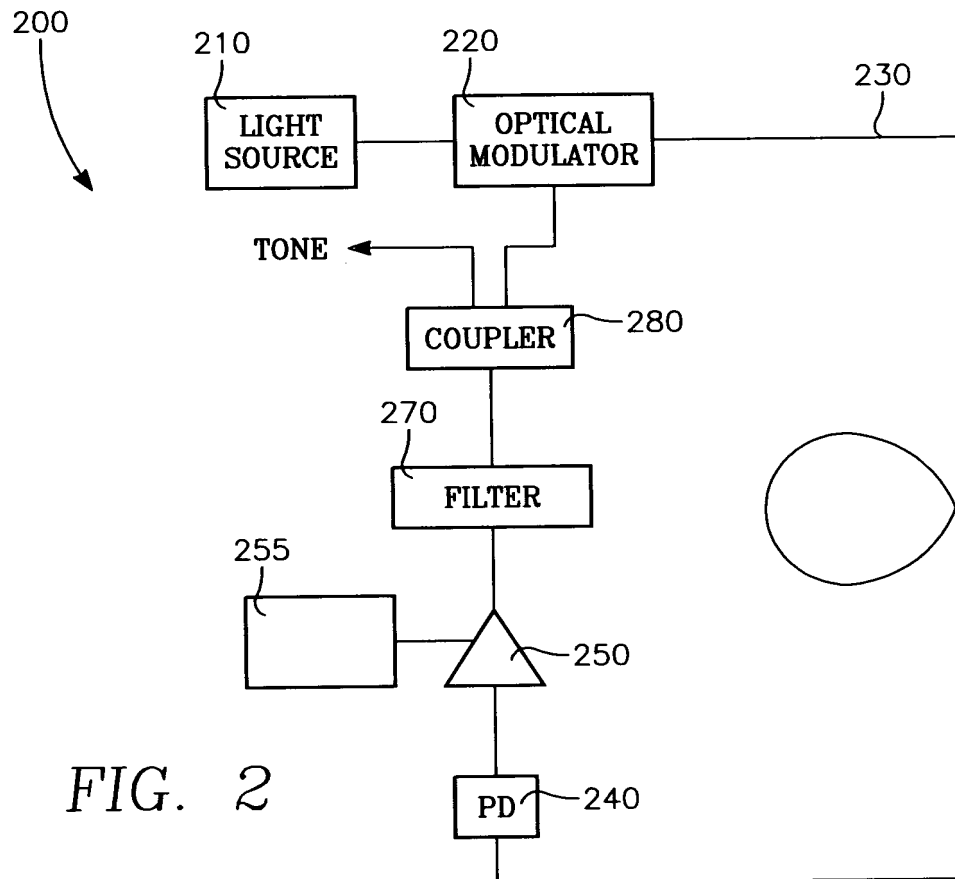
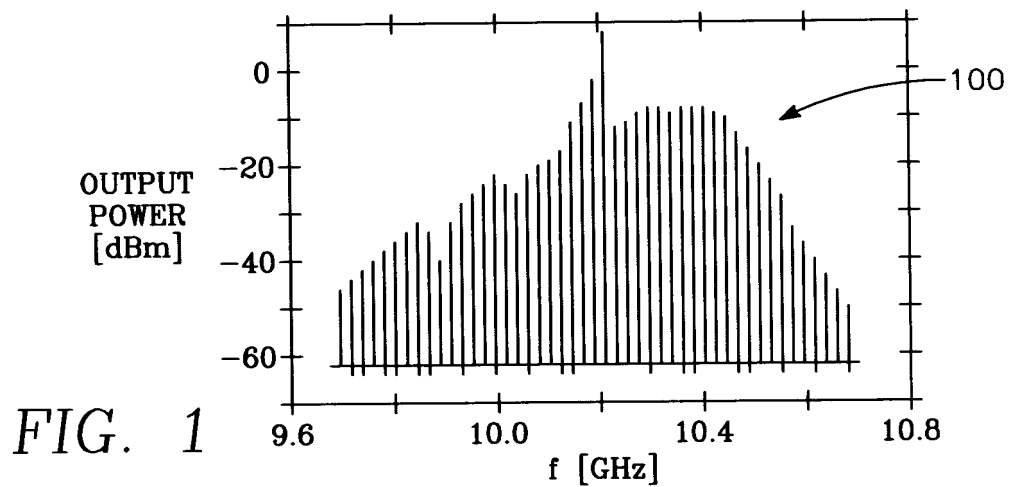


FREQUENCY TUNING OF PHOTONIC OSCILLATOR
USING AMPLIFIER BIAS VOLTAGE
INVENTOR: KEYVAN SAYYAH HRL DKT NO.: 021238
AAGAARD&BALZAN DKT NO.: HRL/010-03 805-658-1945

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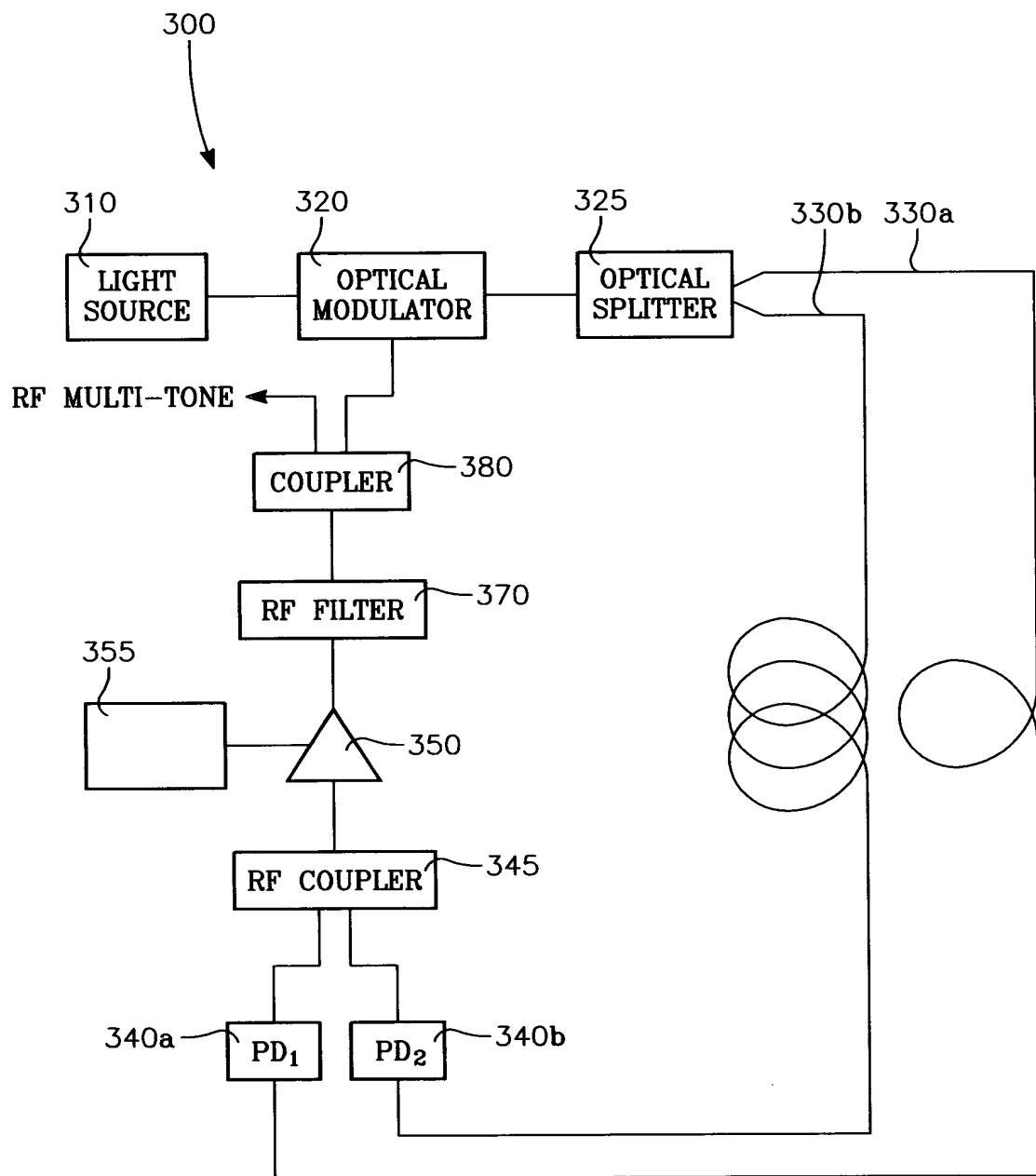


FIG. 3

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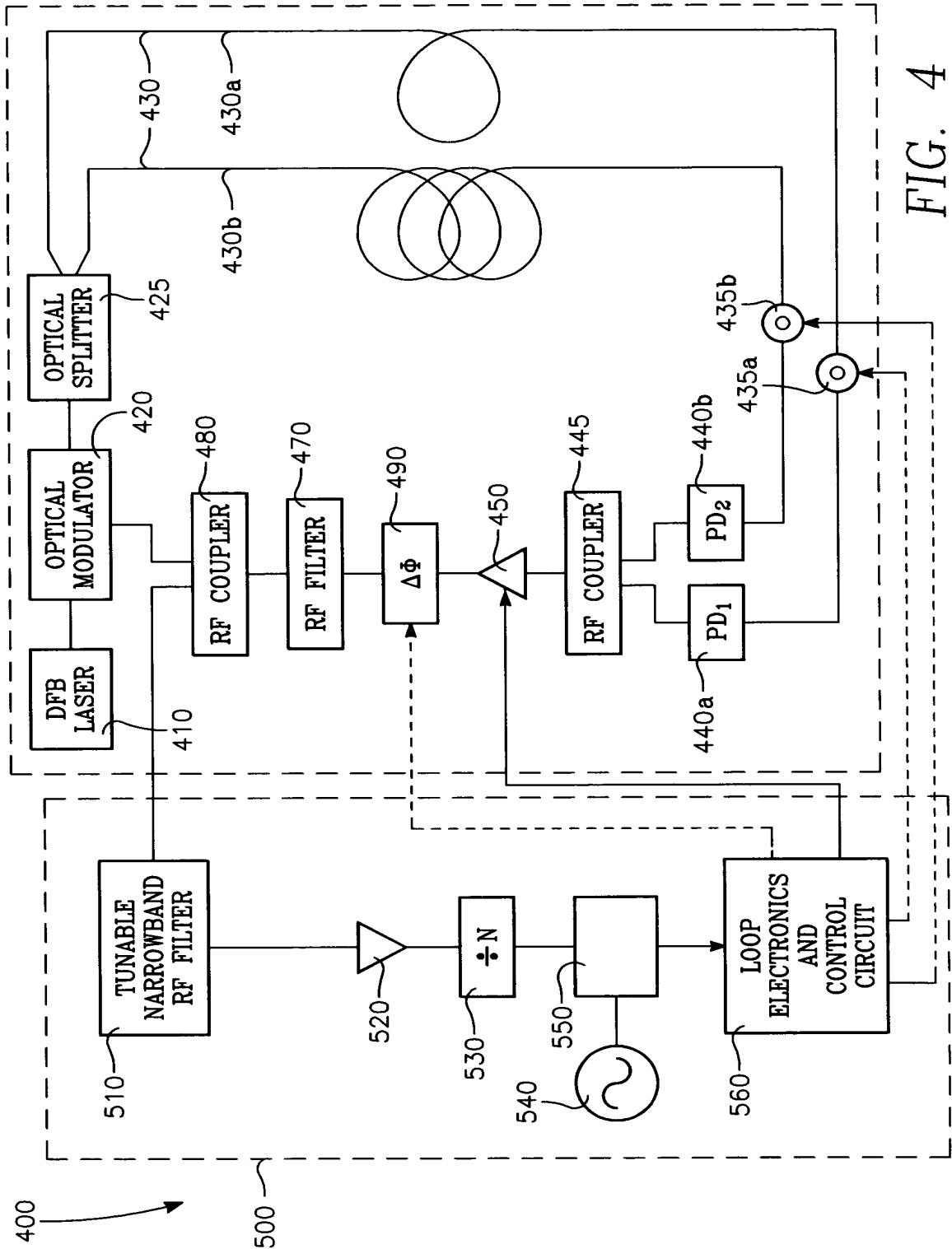


FIG. 4

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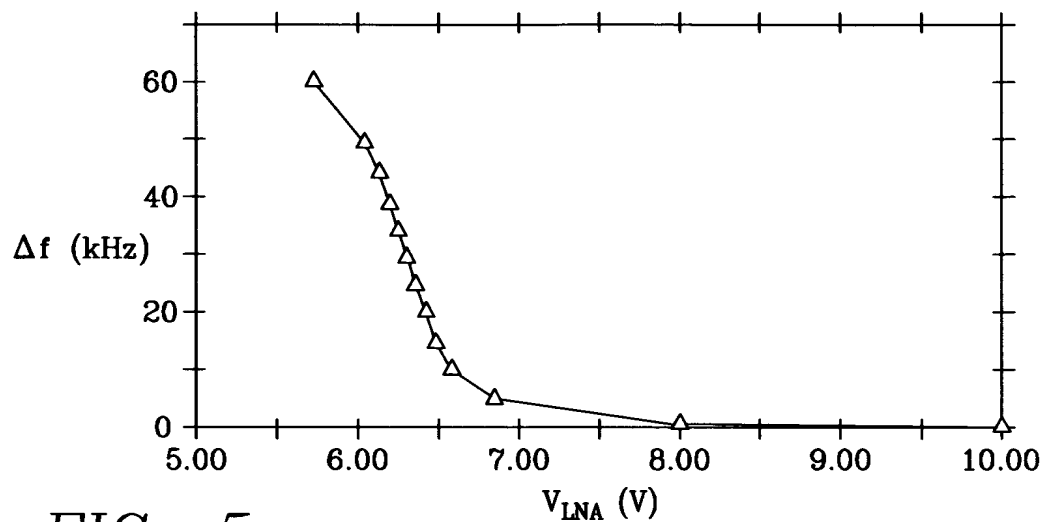


FIG. 5

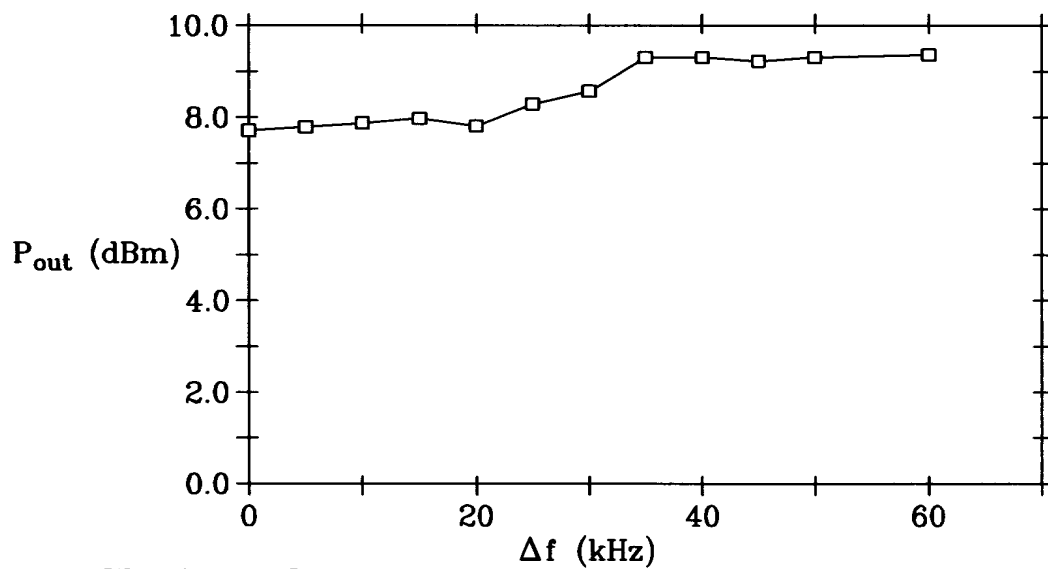


FIG. 6

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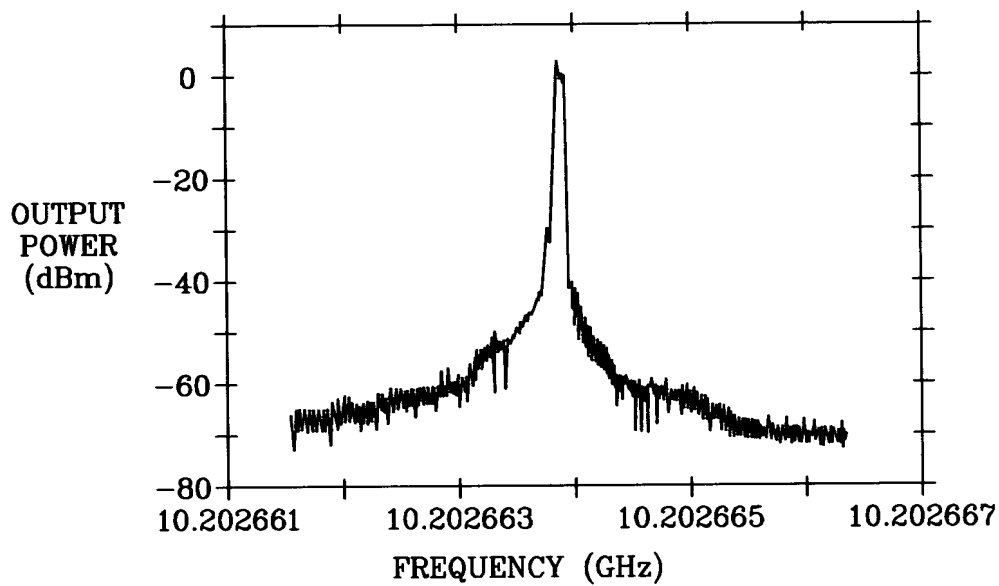


FIG. 7

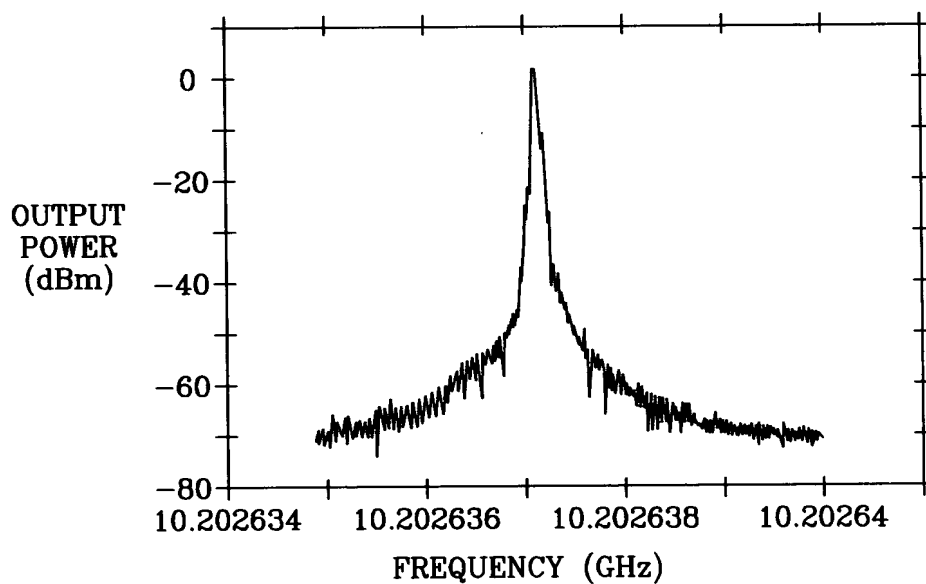


FIG. 8